

WHAT WE CLAIM:

1. **A center pull tissue dispenser** comprising or including,
 means defining an openable enclosure,
 a base member located within said enclosure with which a coreless roll of towel material is to be located in an upward supporting manner in a manner such that an end face of said roll is placed therewith, said base member including a dispensing opening for said towel material to pass through
 wherein an opening is provided in alignment with said dispensing opening, through said openable enclosure defining member, to allow said towel material to be dispensed from said dispenser
 wherein downstream of the support of said roll by said base member there is provided a dispensing characteristic adjustment mechanism which includes,
 a passageway through which said towel material is to pass, and
 a passageway restriction controlling member, movable relative to said passageway in a direction lateral to the direction of the passing of said paper towel material there through and penetrating into the passageway to act on said paper towel material during the dispensing thereof from said dispenser.
2. A center pull tissue dispenser as claimed in claim 1 wherein said passageway restriction controlling member is mounted on a carrier relative to which it is movable to variably restrict the passing of paper towel material through said passageway.
3. A center pull tissue dispenser as claimed in claim 2 wherein said carrier is itself movable and when moved, said restriction controlling member displaces in unity there with.
4. A center pull tissue dispenser as claimed in claim 2 wherein when said carrier is moved, the restriction of said passageway is changed.
5. A center pull tissue dispenser as claimed in claim 1 wherein said restriction controlling member can be moved entirely out of said passageway.

6. A center pull tissue dispenser as claimed in claim 2 wherein said restriction controlling member is moveable relative to said carrier by being in a sliding engagement with said carrier.
7. A center pull tissue dispenser as claimed in claim 6 wherein said sliding engagement is controlled by a spindle rotatable about an axis transverse to the direction of sliding engagement and having a lug off-set from said axis, mechanically coupled with said restriction controlling member to displace said restriction controlling member relative to said carrier.
8. A center pull tissue dispenser as claimed in claim 1 wherein said passageway restriction controlling member is adjustable in its positioning relative to said passageway from outside of said openable enclosure.
9. A center pull tissue dispenser as claimed in claim 1 wherein said passageway restriction controlling member is adjustable by a key which is insertable into a keyhole to operate a mechanism to displace the passageway restriction controlling member relative to said passageway.
10. A center pull tissue dispenser as claimed in claim 1 wherein the restriction controlling member is moveable relative to said passageway and urged toward a passage way restricting condition by a biasing means to restrict said passageway.
11. A center pull tissue dispenser as claimed in claim 2 wherein said carrier is manually movable by operation of a handle which controls a carrier movement actuator mechanism.
12. A center pull tissue dispenser as claimed in claim 1 wherein a funnel member is provided below the support surface of said base member to funnel and guide towel material in a continuous manner from the coreless roll towards said opening in a openable enclosure.
13. A center pull tissue dispenser as claimed in claim 1 wherein said towel is to be dispensed from the center outwardly of said coreless roll.

14. A center pull tissue dispenser as claimed in claim 1 wherein said dispensing characteristic adjustment mechanism is provided downstream of said support surface of said base, and within said enclosure of the dispenser.
15. A center pull tissue dispenser as claimed in claim 1 wherein said openable enclosure is openable in a manner to allow access to said base member.
16. A center pull tissue dispenser as claimed in claim 1 wherein said openable enclosure consists of a back wall mountable portion for mounting to a substantially vertical surface of a structure, and a cover moveable relative thereto.
17. A center pull tissue dispenser as claimed in claim 16 wherein said cover is pivotally moveable relative to said back wall mountable portion.
18. A center pull tissue dispenser as claimed in claim 1 wherein said openable enclosure consist of a first cover member pivotally located with a second cover member movable relative to each other between an open condition wherein said interior of said openable enclosure is exposed and a closed condition wherein said interior is closed, said dispensing characteristic adjustment mechanism actuated by the movement of said first cover member with said second cover member by an actuator in mechanical engagement with a said first or second cover member and coupled to said passageway restriction controlling member to move it from a first position relative to said passageway when the enclosure is in said open condition to a passageway restricting more condition when said enclosure in said closed condition.
19. A center pull tissue dispenser as claimed in claim 1 wherein said passageway restriction controlling member is mounted on a carrier relative to which it is movable to variably restrict the passing of paper towel material through said passageway and said openable enclosure consist of a first cover member pivotally located with a second cover member movable relative to each other between an open condition wherein said interior of said openable enclosure is exposed and a closed condition wherein said interior is closed, said dispensing characteristic adjustment mechanism actuated by the movement of said first cover member with said second cover member by an actuator in mechanical engagement with a said first or second cover member and coupled to said

carrier to move it from a first position relative to said passage way when the enclosure is in said open condition to a second condition when said enclosure is in said closed condition wherein the passageway restriction controlling member is in a passageway restricting more condition.

20. A center pull tissue dispenser as claimed in claim 19 wherein said actuator moves said carrier between two conditions, wherein in one such condition, corresponding to the enclosure being in a closed condition, placing said passageway restriction controlling member in said passageway,

wherein said passageway restriction controlling member is slidably disposed from said carrier in a direction lateral to said passageway direction, a biasing means acting on said passageway restriction controlling member from said carrier to urge said passageway restriction controlling member to a passageway restricting more condition yet allowing the displacement of said passageway restriction controlling member in a direction opposite thereto against the biasing force.

21. A center pull tissue dispenser as claimed in claim 19 wherein said first cover member and said second cover member are pivotally engaged about a pivot axis extending lateral to the passageway direction.

22. A center pull tissue dispenser as claimed in claim 19 wherein said pivot axis is provided such that the second cover moves downwardly to said first cover in moving from the second condition to the first condition.

23. A **mechanism** to control the dispensing characteristics of a towel from a dispenser comprising:-

a base member to be placed inside a dispenser for receiving thereon or therewith a coreless roll of towel in a manner such that an axial end face of said roll is placed thereagainst,

wherein downstream of the support of said roll by said base member there is provided a dispensing characteristic adjustment mechanism which includes,

a passageway through which said towel material is to pass, and

a passageway restriction controlling member movable relative to said passageway in a direction lateral to the direction of the passing of said paper towel material there through and penetrating into the passageway to act on said paper towel material during the dispensing thereof from said dispenser.